ECS Configuration Change Request

1. Originator Byron V. Peters		2. Log Date 8-4-98	3. CCR #: 98-0894	4. REV: —	5.Tel: 4077	6. Office : SED/HWE

7. Title: Test SGI proposed NFS fix in VATC

8. Originator Signature Byron V Peters	9. Date: 8/4/98	10. Class II	11. Type: CCR	12. Need Date: 8/5/98

13. Office Manager Signature	14. Date: 8/4/98	15. Date CCB Decision Needed: 8/4/98	16. Category of Change: Other	17. Priority: Emergency

18. Documentation/Drawings Impacted: N/A	19. Schedule Impact: none	20. CI(s) Affected: all

21. Release Affected: all	22. Date due to Customer:N/A	23. Impl. Date: 8/5/98	24. Effectivity of Change:	25. Est. Cost None

26. Source Reference: NCR ☒ Action Item☐ GSFC CCR ☐ Tech Ref:☐ Other:☐
ECSed15782

27. Description of Change: (use additional Sheets as necessary)
The NCR describes the very poor performance between the SGI ingest and the SGI DSS host.

28. Proposed Solution: (use additional sheets if necessary)
SGI technical support has identified a fix for the poor ingest performance. They believe that the ipg (fddi) interface is being overloaded on large file reads. The fix is a one line kernel parameter change. Specifically, in the /var/sysgen/master.d/if_ipg file modify the ipg_chksum to 0. See attached email message for details.

29. Alternate Solution: (use additional sheets if necessary)
None

30. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Continued unacceptably poor performance.

31. Does Change Affect Any of the following (Please Explain on additional sheet):
Maintenance Training ☐ Performance ☒ Operation Training ☐ Safety ☐ Service ☐ Support ☐ Test ☐

32. Organization(s) Affected: Arch Off ☐ CM ☐ Clearcase Support Group ☐ Contracts ☐ ECS Chief Eng ☐ FOS ☐ M&O ☐ QO ☐ Rel Dev ☒ Procurement ☐ RTSC ☒ SDE ☐ Security ☐ Sys. Eng. ☒ Sys Verf Int ☒ Other ☐

33. Site(s) Affected: EDF☐ Mini-DAAC☐ VATC ☒ EDC ☐ LaRC ☐ NSIDC ☐ SMC ☐ AK ☐ JPL ☐ EDC ☐ GSFC ☐ Other ☐

34. Board Comments:	35. Work Assigned To. Completed.

36. Release Authorized____	37. CM Verified/Date: CPeck 8/5/98

38. EDF/REL2 CCB Chair (Sign/Date): TW Fink 8/4/98	39. Disposition: App__ A/C__ W__ Forward ECS__ Forward ESDIS ERB__	40. ESDIS ERB Concurrence:

41. ECS CCB Chair (Sign/Date):	42. Disposition: App__ A/C__ W__	43. CCR Closed Date: 8/5/98

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